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OIPE

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/709,947

DATE: 11/27/2000  
 TIME: 13:58:31

Input Set : A:\Mtp024.app  
 Output Set: N:\CRF3\11272000\I709947.raw

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3 <110> APPLICANT: Watkins, Brynmor  
 5 <120> TITLE OF INVENTION: Materials and Methods for Detection and Treatment of  
 6 Breast Cancer  
 8 <130> FILE REFERENCE: MTP-024  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/709,947  
 C--> 11 <141> CURRENT FILING DATE: 2000-11-10  
 13 <150> PRIOR APPLICATION NUMBER: US 60/165,173  
 14 <151> PRIOR FILING DATE: 1999-11-16  
 16 <150> PRIOR APPLICATION NUMBER: US 60/172,170  
 17 <151> PRIOR FILING DATE: 1999-12-17  
 19 <150> PRIOR APPLICATION NUMBER: US 60/178,860  
 20 <151> PRIOR FILING DATE: 2000-01-27  
 22 <150> PRIOR APPLICATION NUMBER: US 60/201,721  
 23 <151> PRIOR FILING DATE: 2000-05-03  
 25 <160> NUMBER OF SEQ ID NOS: 23  
 27 <170> SOFTWARE: PatentIn Ver. 2.0  
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 32 <213> ORGANISM: Artificial Sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: Description of Artificial Sequence:Tryptic peptide  
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 68 1 5 10 15  
 70 Gly Gln Ala Gly Ala Ala Arg  
 71 20  
 74 <210> SEQ ID NO: 4



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97   20           25           30
99 Gln Phe Gly His Val Val Asp Ile Val Ala Leu Lys Thr Met Lys Met
100   35           40           45
102 Arg Gly Gln Ala Phe Val Ile Phe Lys Glu Leu Gly Ser Ser Thr Asn
103   50           55           60
105 Ala Leu Arg Gln Leu Gln Gly Phe Pro Phe Tyr Gly Lys Pro Met Arg
106   65           70           75           80
108 Ile Gln Tyr Ala Lys Thr Asp Ser Asp Ile Ile Ser Lys Met Arg Gly
109   85           90           95
111 Thr Phe Ala Asp Lys Glu Lys Lys Lys Glu Lys Lys Lys Ala Lys Thr
112   100          105          110
114 Val Glu Gln Thr Ala Thr Thr Thr Asn Lys Lys Pro Gly Gln Gly Thr
115   115          120          125
117 Pro Asn Ser Ala Asn Thr Gln Gly Asn Ser Thr Pro Asn Pro Gln Val
118   130          135          140
120 Pro Asp Tyr Pro Pro Asn Tyr Ile Leu Phe Leu Asn Asn Leu Pro Glu
121 145          150          155          160
123 Glu Thr Asn Glu Met Met Leu Ser Met Leu Phe Asn Gln Phe Pro Gly
124   165          170          175
126 Phe Lys Glu Val Arg Leu Val Pro Gly Arg His Asp Ile Ala Phe Val
127   180          185          190
129 Glu Phe Glu Asn Asp Gly Gln Ala Gly Ala Ala Arg Asp Ala Leu Gln
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135 Lys
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284 <212> TYPE: PRT
285 <213> ORGANISM: Artificial Sequence
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311           20
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324   1           5           10           15
326 Gln Val Val Met Arg
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VERIFICATION SUMMARY                      DATE: 11/27/2000  
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Input Set : A:\Mtp024.app  
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date